

Last Modified: 7-13-2007		1.7 C
Service Category: Vehicle Interior	Section: Supplemental Restraint Systems	
Model Year: 2008	Model: ES350	Doc ID: RM000001W2801CX
Title: SUPPLEMENTAL RESTRAINT SYSTEM: AIRBAG SYSTEM: B1660/43: Passenger Airbag ON / OFF Indicator Circuit Malfunction (2008 ES350)		

DTC	B1660/43	Passenger Airbag ON / OFF Indicator Circuit Malfunction
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DESCRIPTION

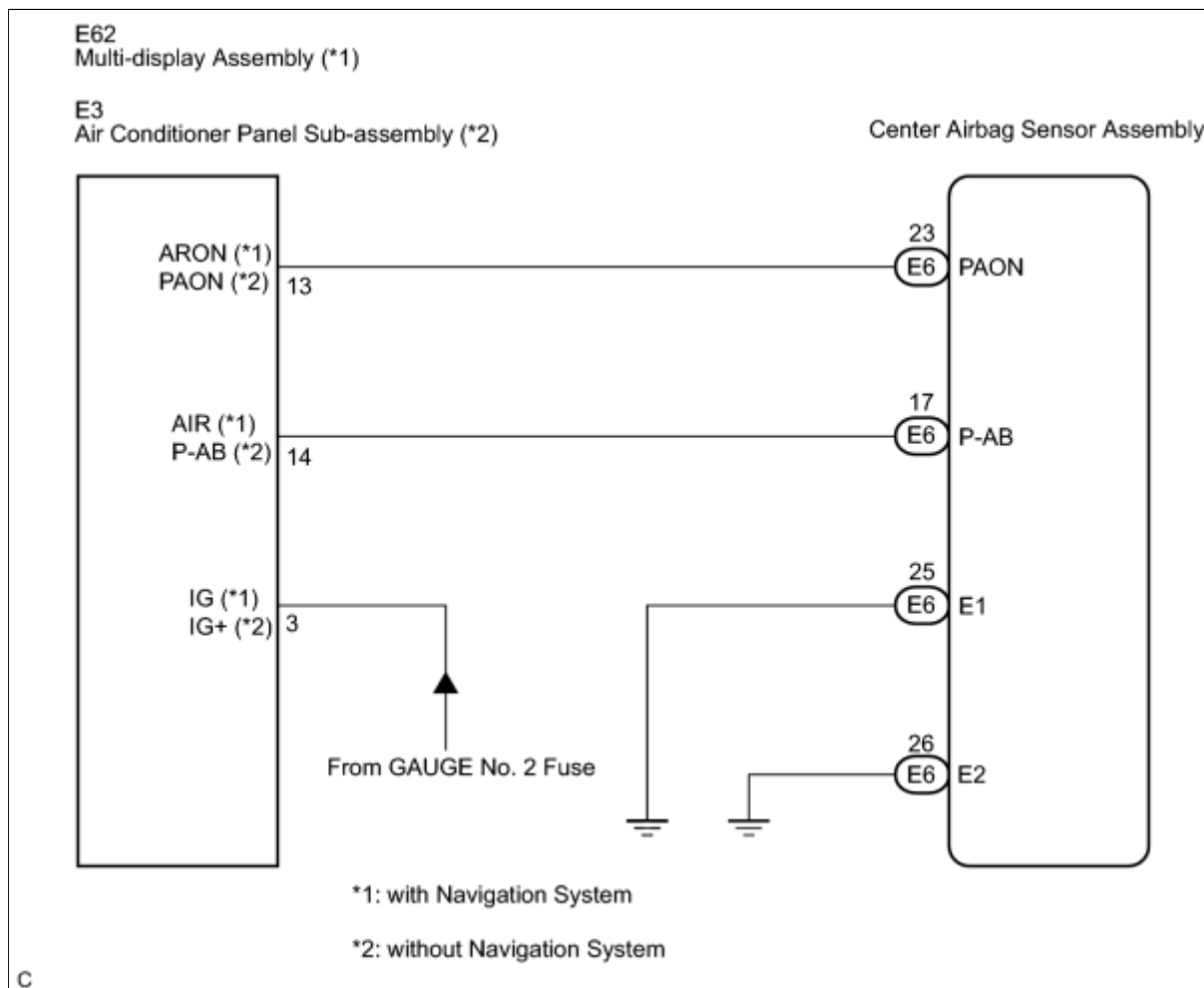
The passenger airbag ON/OFF indicator circuit consists of the center airbag sensor assembly and the passenger airbag ON/OFF indicator.

The passenger airbag ON/OFF indicator indicates the operation condition of the front passenger airbag assembly, front passenger side knee airbag assembly, front seat side airbag assembly RH and front seat outer belt assembly RH.

DTC B1660/43 is recorded when a malfunction is detected in the passenger airbag ON/OFF indicator circuit.

DTC NO.	DTC DETECTING CONDITION	TROUBLE AREA
B1660/43	<ul style="list-style-type: none"> The center airbag sensor assembly receives an open circuit signal, a short circuit to ground signal or a short circuit to B+ signal in the passenger airbag ON/OFF indicator circuit for 2 seconds. Passenger airbag ON/OFF indicator malfunction Center airbag sensor assembly malfunction 	<ul style="list-style-type: none"> Instrument panel wire Multi-display assembly (with Navigation system) Air conditioner panel sub-assembly (without Navigation system) Center airbag sensor assembly

WIRING DIAGRAM



INSPECTION PROCEDURE

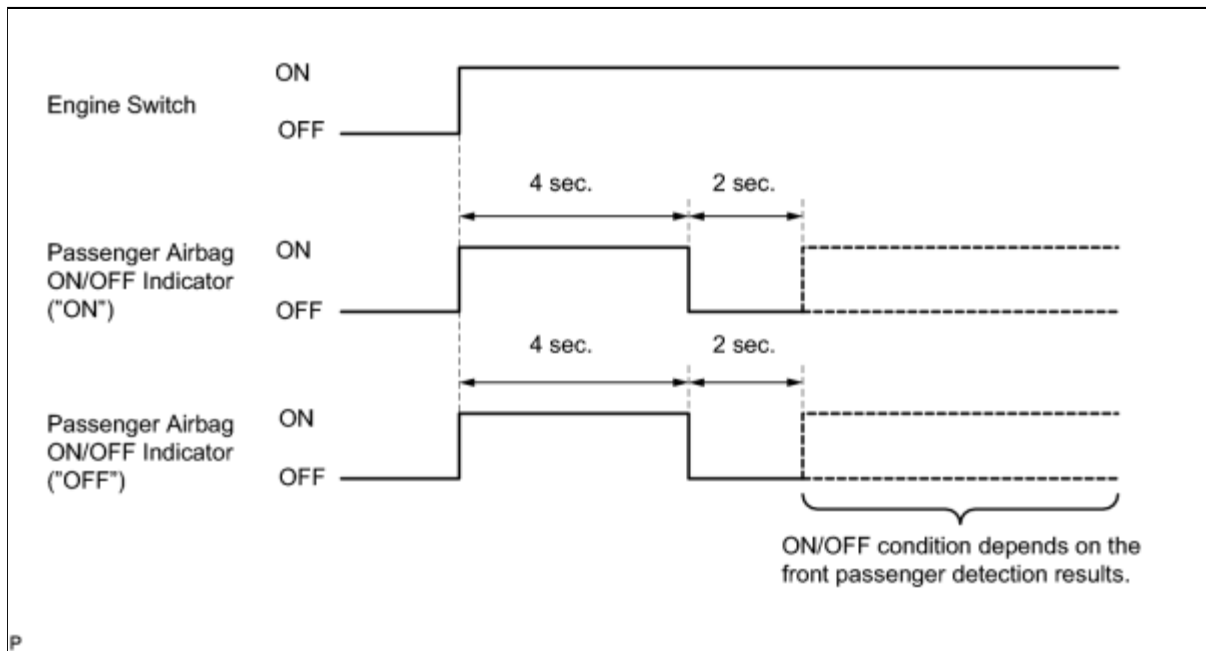
PROCEDURE

1. CHECK PASSENGER AIRBAG ON/OFF INDICATOR CONDITION

- (a) Turn the engine switch on (IG).
- (b) Check the passenger airbag ON/OFF indicator operation.

HINT: Refer to the normal condition of the passenger airbag ON/OFF indicator

INFO



Result:

ON/OFF INDICATOR ILLUMINATION	PROCEED TO
Always ON	A
OFF	B

B ▶ CHECK CONNECTION OF CONNECTORS

A ▼

2. CHECK CONNECTION OF CONNECTORS

(a) Turn the engine switch off.

(b) Disconnect the negative (-) terminal cable from the battery, and wait for at least 90 seconds.

(c) with Navigation system:

Check that the connectors are properly connected to the center airbag sensor assembly and the multi-display assembly.

OK:

The connectors are properly connected.

(d) without Navigation system:

Check that the connectors are properly connected to the center airbag sensor assembly and the air conditioner panel sub-assembly.

OK:

The connectors are properly connected.

NG ▶ CONNECT CONNECTORS PROPERLY

OK**3. CHECK CONNECTORS**

(a) with Navigation system:

- (1) Disconnect the connectors from the center airbag sensor assembly and the multi-display assembly.
- (2) Check that the connectors (on the center airbag sensor assembly side and multi-display assembly side) are not damaged.

OK:

The connectors are not deformed or damaged.

(b) without Navigation system:

- (1) Disconnect the connectors from the center airbag sensor assembly and the air conditioner panel sub-assembly.
- (2) Check that the connectors (on the center airbag sensor assembly side and air conditioner panel sub-assembly side) are not damaged.

OK:

The connectors are not deformed or damaged.

NG **REPAIR OR REPLACE INSTRUMENT PANEL WIRE****OK****4. CHECK VEHICLE CONDITION**

(a) Check whether or not the vehicle is equipped with the rear side airbag.

Result:

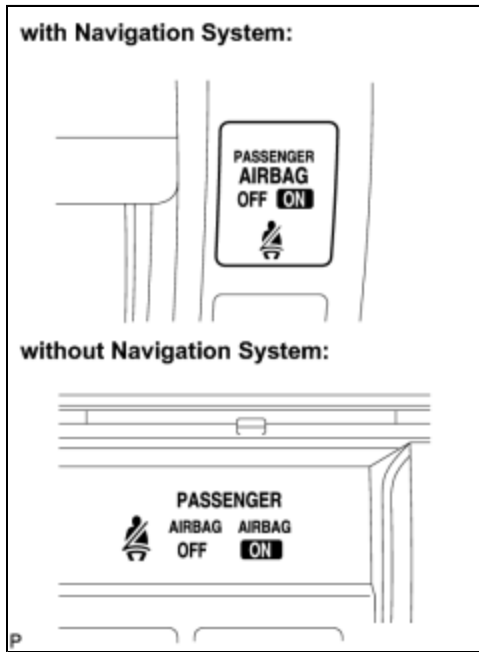
A

with the rear side airbag

B

without the rear side airbag

B **CHECK PASSENGER AIRBAG ON/OFF INDICATOR****A****5. CHECK PASSENGER AIRBAG ON/OFF INDICATOR**



(a) with Navigation system:

Connect the connector to the multi-display assembly.

(b) without Navigation system:

Connect the connector to the air conditioner panel sub-assembly.

(c) Connect the negative (-) terminal cable to the battery, and wait for at least 2 seconds.

(d) Turn the engine switch on (IG).

(e) Check the passenger airbag ON/OFF indicator operation.

OK:

The passenger airbag ON/OFF indicator does not come on.

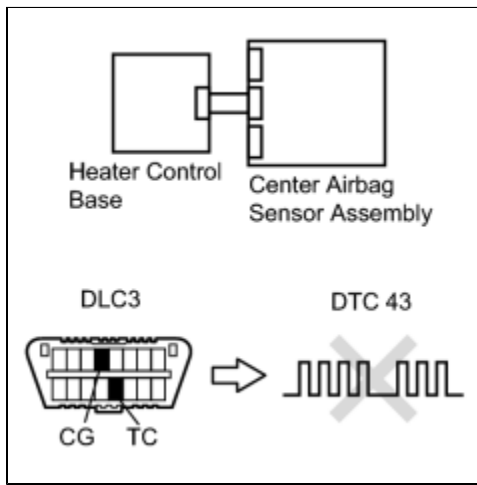
NG ► CHECK INSTRUMENT PANEL WIRE (OPEN)

OK



6.	CHECK CENTER AIRBAG SENSOR ASSEMBLY
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(a) Connect the connector to the center airbag sensor assembly.



(b) Connect the negative (-) terminal cable to the battery, and wait for at least 2 seconds.

(c) Turn the engine switch on (IG), and wait for at least 60 seconds.

(d) Clear the DTCs stored in the memory INFO.

(e) Turn the engine switch off.

(f) Turn the engine switch on (IG), and wait for at least 60 seconds.

(g) Check for DTCs INFO.

OK:

DTC B1660/43 is not output.

HINT:

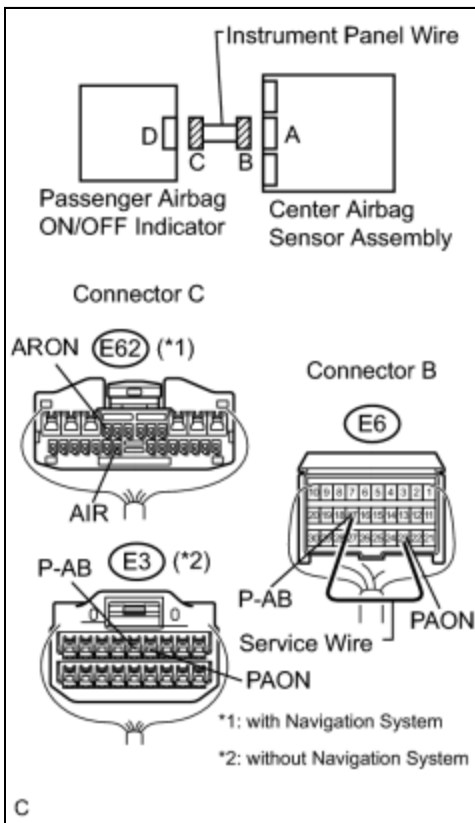
Codes other than DTC B1660/43 may be output at this time, but they are not related to this check.

NG ▶ REPLACE CENTER AIRBAG SENSOR ASSEMBLY

OK ▶ USE SIMULATION METHOD TO CHECK

7. CHECK INSTRUMENT PANEL WIRE (OPEN)

(a) Turn the engine switch off.



(b) Disconnect the negative (-) terminal cable from the battery, and wait for at least 90 seconds.

(c) with Navigation system:

Disconnect the connector from the multi-display assembly.

(d) without Navigation system:

Disconnect the connector from the air conditioner panel sub-assembly.

(e) Using a service wire, connect terminals 23 (PAON) and 17 (P-AB) of connector B.

NOTICE:

Do not forcibly insert a service wire into the terminals of the connector when connecting the wire.

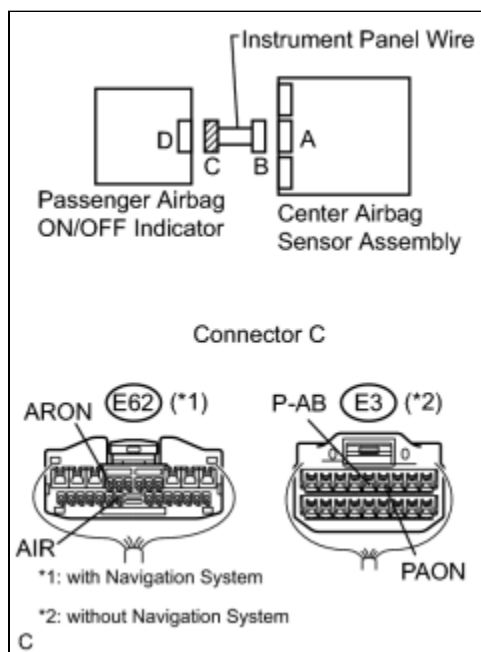
(f) Measure the resistance according to the value(s) in the table below.

Standard resistance:

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
E62-9 (ARON) - E62-20 (AIR)	Always	Below 1 Ω

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
E3-4 (PAON) - E3-5 (P-AB)	Always	Below 1 Ω

OK


8. CHECK INSTRUMENT PANEL WIRE (SHORT)


(a) Disconnect the service wire from connector B.

(b) Measure the resistance according to the value(s) in the table below.

Standard resistance:

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
E62-9 (ARON) - E62-20 (AIR)	Always	1 MΩ or higher

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
E3-4 (PAON) - E3-5 (P-AB)	Always	1 MΩ or higher

NG REPAIR OR REPLACE INSTRUMENT PANEL WIRE

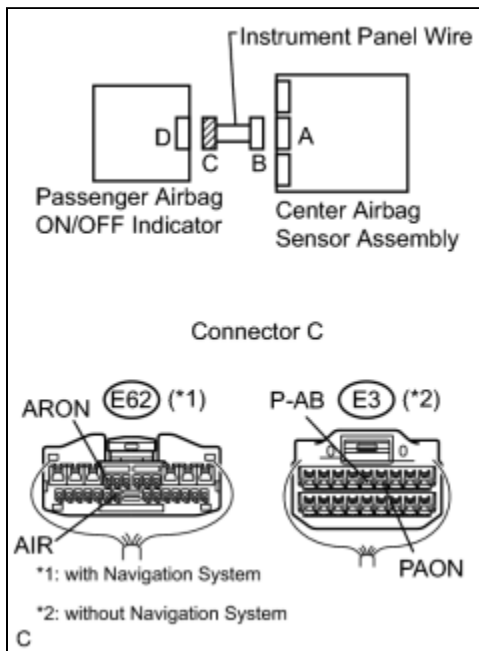
OK


9. CHECK INSTRUMENT PANEL WIRE (SHORT TO GROUND)

(a) Measure the resistance according to the value(s) in the table below.

Standard resistance:





TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
E62-9 (ARON) - Body ground	Always	1 MΩ or higher
E62-20 (AIR) - Body ground	Always	1 MΩ or higher

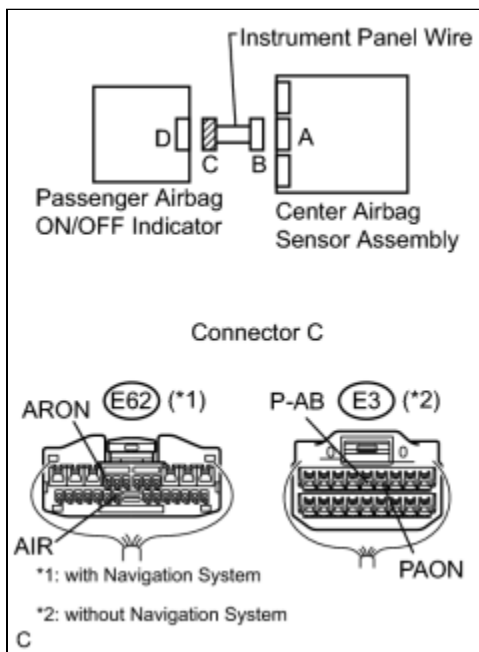
TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
E3-4 (PAON) - Body ground	Always	1 MΩ or higher
E3-5 (P-AB) - Body ground	Always	1 MΩ or higher

NG ▶ REPAIR OR REPLACE INSTRUMENT PANEL WIRE

OK



10. CHECK INSTRUMENT PANEL WIRE (SHORT TO B+)



(a) Connect the negative (-) terminal cable to the battery, and wait for at least 2 seconds.

(b) Turn the engine switch on (IG).

(c) Measure the voltage according to the value(s) in the table below.

Standard voltage:

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
E62-9 (ARON) - Body ground	Engine switch on (IG)	Below 1 V
E62-20 (AIR) - Body ground	Engine switch on (IG)	Below 1 V

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
E3-4 (PAON) - Body ground	Engine switch on (IG)	Below 1 V
E3-5 (P-AB) - Body ground	Engine switch on (IG)	Below 1 V

Result:

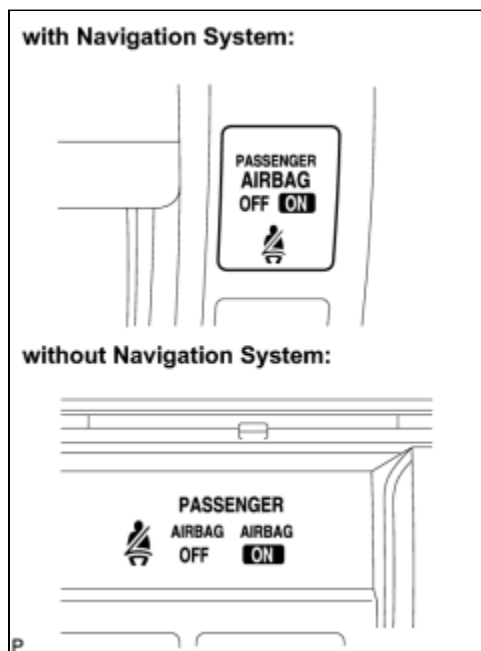
RESULT	PROCEED TO
OK (with Navigation system)	A
OK (without Navigation system)	B
NG	C

A ▶ REPLACE MULTI-DISPLAY ASSEMBLY

B ▶ REPLACE AIR CONDITIONER PANEL SUB-ASSEMBLY

C ▶ REPAIR OR REPLACE INSTRUMENT PANEL WIRE

11. CHECK PASSENGER AIRBAG ON/OFF INDICATOR



(a) with Navigation system:

Connect the connector to the multi-display assembly.

(b) without Navigation system:

Connect the connector to the air conditioner panel sub-assembly.

(c) Connect the negative (-) terminal cable to the battery, and wait for at least 2 seconds.

(d) Turn the engine switch on (IG).

(e) Check the passenger airbag ON/OFF indicator operation.

OK:

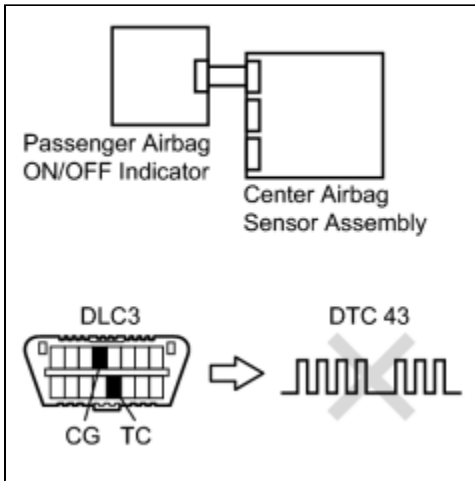
The passenger airbag ON/OFF indicator does not come on.

NG ► CHECK INSTRUMENT PANEL WIRE (OPEN)

OK



12. CHECK CENTER AIRBAG SENSOR ASSEMBLY



(a) Connect the connector to the center airbag sensor assembly.

(b) Connect the negative (-) terminal cable to the battery, and wait for at least 2 seconds.

(c) Turn the engine switch on (IG), and wait for at least 60 seconds.

(d) Clear the DTCs stored in the memory **INFO**.

(e) Turn the engine switch off.

(f) Turn the engine switch on (IG), and wait for at least 60 seconds.

(g) Check for DTCs **INFO**.

OK:

DTC B1660/43 is not output.

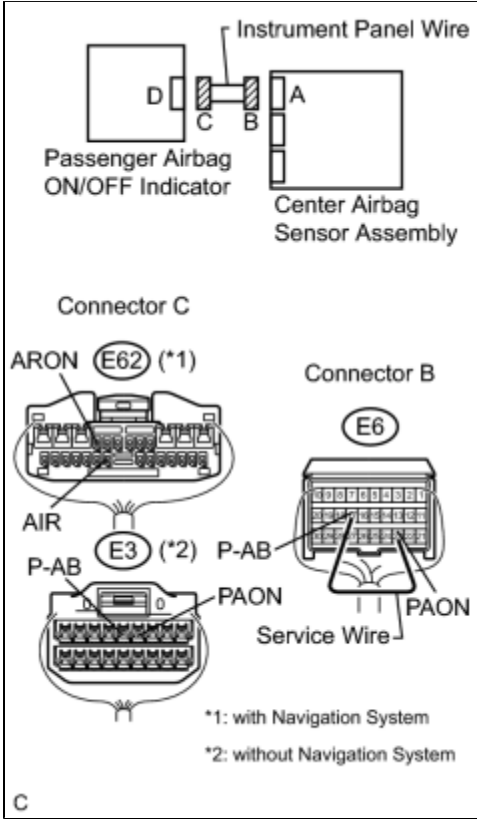
HINT:

Codes other than DTC B1660/43 may be output at this time, but they are not related to this check.

NG ► REPLACE CENTER AIRBAG SENSOR ASSEMBLY

OK ► USE SIMULATION METHOD TO CHECK

13. CHECK INSTRUMENT PANEL WIRE (OPEN)



(a) Turn the engine switch off.

(b) Disconnect the negative (-) terminal cable from the battery, and wait for at least 90 seconds.

(c) with Navigation system:

Disconnect the connector from the multi-display assembly.

(d) without Navigation system:

Disconnect the connector from the air conditioner panel sub-assembly.

(e) Using a service wire, connect terminals 23 (PAON) and 17 (P-AB) of connector B.

NOTICE:

Do not forcibly insert a service wire into the terminals of the connector when connecting the wire.

(f) Measure the resistance according to the value(s) in the table below.

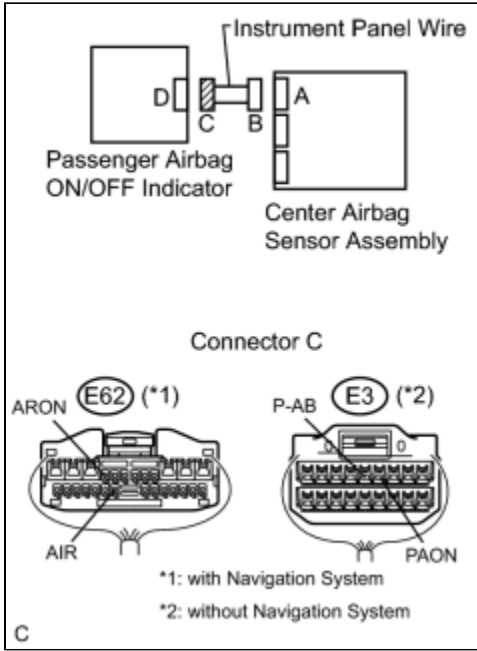
Standard resistance:

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
E62-9 (ARON) - E62-20 (AIR)	Always	Below 1 Ω

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
E3-4 (PAON) - E3-5 (P-AB)	Always	Below 1 Ω

OK
▼

14. CHECK INSTRUMENT PANEL WIRE (SHORT)



(a) Disconnect the service wire from connector B.

(b) Measure the resistance according to the value(s) in the table below.

Standard resistance:

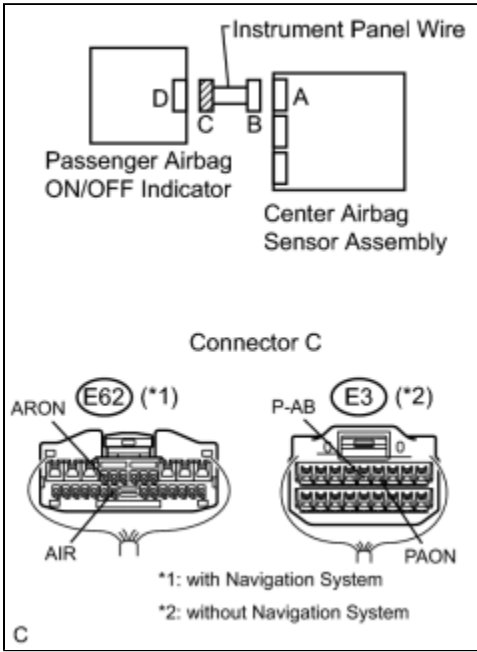
TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
E62-9 (ARON) - E62-20 (AIR)	Always	1 MΩ or higher

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
E3-4 (PAON) - E3-5 (P-AB)	Always	1 MΩ or higher

OK
▼

15. CHECK INSTRUMENT PANEL WIRE (SHORT TO GROUND)

(a) Measure the resistance according to the value(s) in the table below.



Standard resistance:

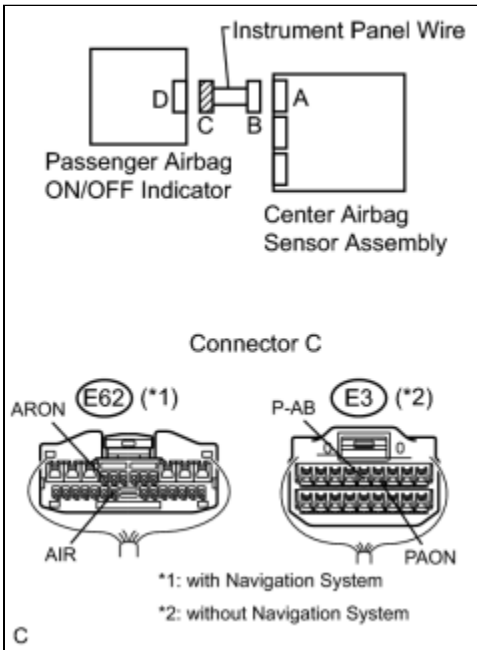
TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
E62-9 (ARON) - Body ground	Always	1 MΩ or higher
E62-20 (AIR) - Body ground	Always	1 MΩ or higher

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
E3-4 (PAON) - Body ground	Always	1 MΩ or higher
E3-5 (P-AB) - Body ground	Always	1 MΩ or higher

NG ▶ REPAIR OR REPLACE INSTRUMENT PANEL WIRE

OK
▼

16. CHECK INSTRUMENT PANEL WIRE (SHORT TO B+)



(a) Connect the negative (-) terminal cable to the battery, and wait for at least 2 seconds.

(b) Turn the engine switch on (IG).

(c) Measure the voltage according to the value(s) in the table below.

Standard voltage:

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
E62-9 (ARON) - Body ground	Engine switch on (IG)	Below 1 V
E62-20 (AIR) - Body ground	Engine switch on (IG)	Below 1 V

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
E3-4 (PAON) - Body ground	Engine switch on (IG)	Below 1 V
E3-5 (P-AB) - Body ground	Engine switch on (IG)	Below 1 V

Result:

RESULT	PROCEED TO
OK (with Navigation system)	A
OK (without Navigation system)	B
NG	C

A  REPLACE MULTI-DISPLAY ASSEMBLY

B  REPLACE AIR CONDITIONER PANEL SUB-ASSEMBLY

C  REPAIR OR REPLACE INSTRUMENT PANEL WIRE

17.	CHECK CONNECTION OF CONNECTORS
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(a) Turn the engine switch off.

(b) Disconnect the negative (-) terminal cable from the battery, and wait for at least 90 seconds.

(c) with Navigation system:

Check that the connectors are properly connected to the center airbag sensor assembly and the multi-display assembly.

OK:

The connectors are properly connected.

(d) without Navigation system:

Check that the connectors are properly connected to the center airbag sensor assembly and the air conditioner panel sub-assembly.

OK:

The connectors are properly connected.

NG  CONNECT CONNECTORS PROPERLY

OK



18.	CHECK CONNECTORS
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(a) with Navigation system:

- (1) Disconnect the connectors from the center airbag sensor assembly and the multi-display assembly.
- (2) Check that the connectors (on the center airbag sensor assembly side and multi-display assembly side) are not damaged.
OK:
The connectors are not deformed or damaged.

(b) without Navigation system:

- (1) Disconnect the connectors from the center airbag sensor assembly and the air conditioner panel sub-assembly.
- (2) Check that the connectors (on the center airbag sensor assembly side and air conditioner panel sub-assembly side) are not damaged.
OK:
The connectors are not deformed or damaged.

NG ▶ REPAIR OR REPLACE INSTRUMENT PANEL WIRE

OK



19.	CHECK VEHICLE CONDITION
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(a) Check whether or not the vehicle is equipped with the rear side airbag.

Result:

A

with the rear side airbag

B

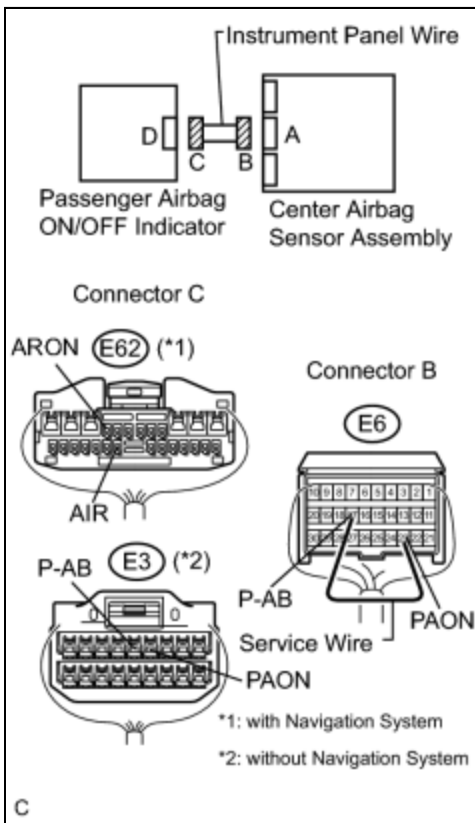
without the rear side airbag

B ▶ CHECK INSTRUMENT PANEL WIRE (OPEN)

A



20.	CHECK INSTRUMENT PANEL WIRE (OPEN)
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(a) Turn the engine switch off.

(b) Disconnect the negative (-) terminal cable from the battery, and wait for at least 90 seconds.

(c) with Navigation system:

Disconnect the connector from the multi-display assembly.

(d) without Navigation system:

Disconnect the connector from the air conditioner panel sub-assembly.

(e) Using a service wire, connect terminals 23 (PAON) and 17 (P-AB) of connector B.

NOTICE:

Do not forcibly insert a service wire into the terminals of the connector when connecting the wire.

(f) Measure the resistance according to the value(s) in the table below.

Standard resistance:

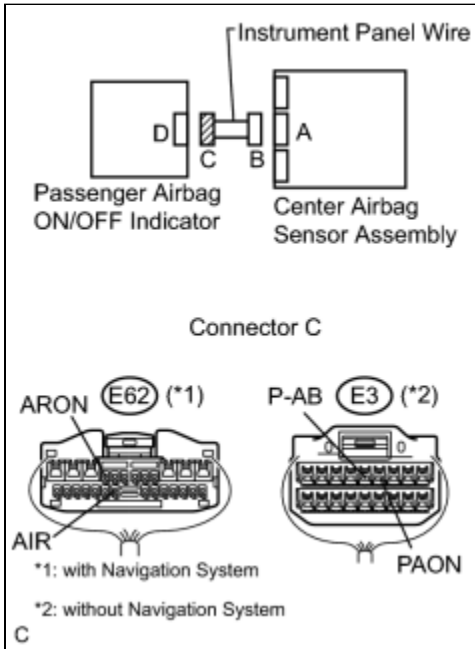
TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
E62-9 (ARON) - E62-20 (AIR)	Always	Below 1 Ω

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
E3-4 (PAON) - E3-5 (P-AB)	Always	Below 1 Ω

OK



21.	CHECK INSTRUMENT PANEL WIRE (SHORT)
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(a) Disconnect the service wire from connector B.

(b) Measure the resistance according to the value(s) in the table below.

Standard resistance:

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
E62-9 (ARON) - E62-20 (AIR)	Always	1 MΩ or higher

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
E3-4 (PAON) - E3-5 (P-AB)	Always	1 MΩ or higher

NG **REPAIR OR REPLACE INSTRUMENT PANEL WIRE**

OK

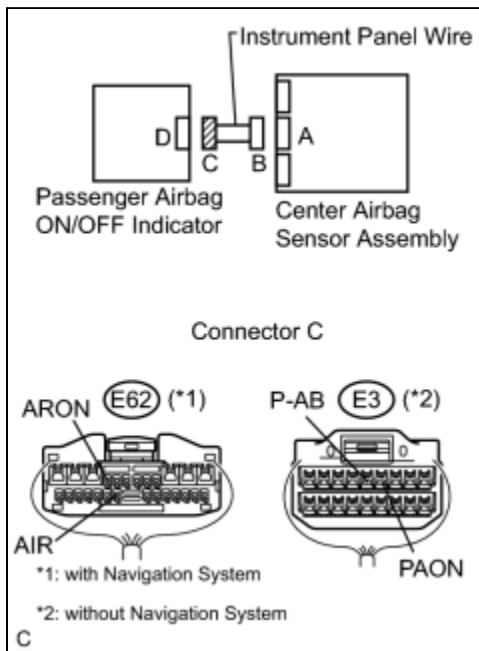


22.	CHECK INSTRUMENT PANEL WIRE (SHORT TO GROUND)
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(a) Measure the resistance according to the value(s) in the table below.

Standard resistance:





TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
E62-9 (ARON) - Body ground	Always	1 MΩ or higher
E62-20 (AIR) - Body ground	Always	1 MΩ or higher

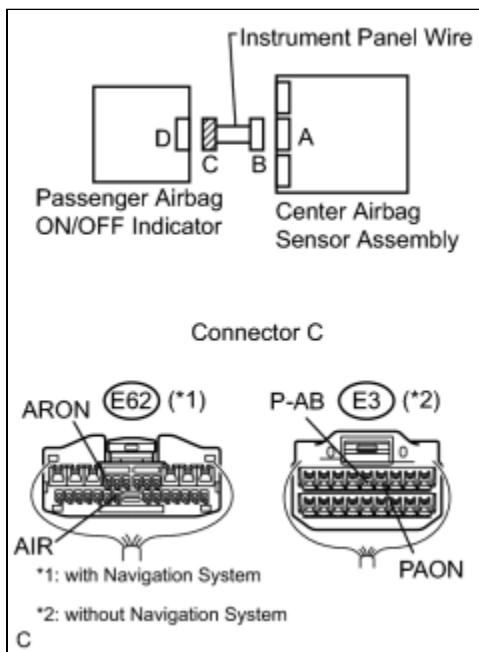
TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
E3-4 (PAON) - Body ground	Always	1 MΩ or higher
E3-5 (P-AB) - Body ground	Always	1 MΩ or higher

NG ▶ REPAIR OR REPLACE INSTRUMENT PANEL WIRE

OK



23. CHECK INSTRUMENT PANEL WIRE (SHORT TO B+)



(a) Connect the negative (-) terminal cable to the battery, and wait for at least 2 seconds.

(b) Turn the engine switch on (IG).

(c) Measure the voltage according to the value(s) in the table below.

Standard voltage:

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
E62-9 (ARON) - Body ground	Engine switch on (IG)	Below 1 V
E62-20 (AIR) - Body ground	Engine switch on (IG)	Below 1 V

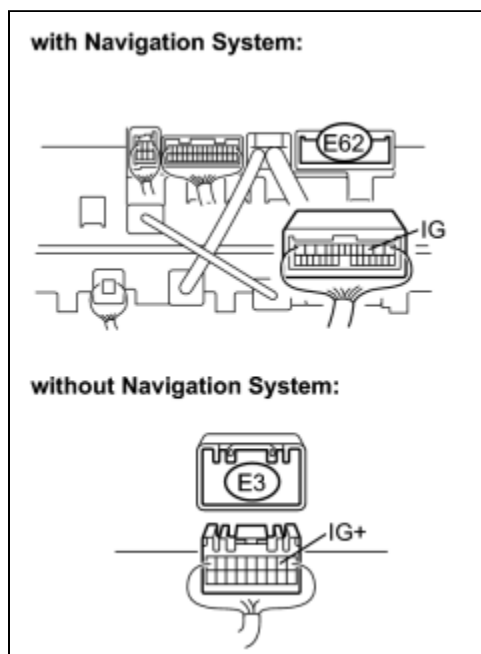
TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
E3-4 (PAON) - Body ground	Engine switch on (IG)	Below 1 V
E3-5 (P-AB) - Body ground	Engine switch on (IG)	Below 1 V

NG  **REPAIR OR REPLACE INSTRUMENT PANEL WIRE**

OK



24. CHECK PASSENGER AIRBAG ON/OFF INDICATOR (SOURCE VOLTAGE)



(a) Connect the connectors to the center airbag sensor assembly.

(b) Connect the negative (-) terminal cable to the battery, and wait for at least 2 seconds.

(c) Turn the engine switch on (IG).

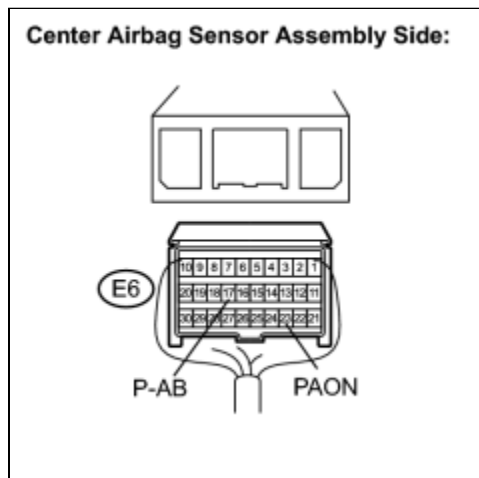
(d) Measure the voltage according to the value(s) in the table below.

Standard voltage:

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
E62-3 (IG) - Body ground	Engine switch on (IG)	10 to 14 V

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
E3-2 (IG+) - Body ground	Engine switch on (IG)	10 to 14 V

OK
 ▼

25. CHECK PASSENGER AIRBAG ON/OFF INDICATOR
Center Airbag Sensor Assembly Side:


(a) Turn the engine switch off.

(b) Disconnect the negative (-) terminal cable from the battery, and wait for at least 90 seconds.

(c) with Navigation system

Connect the connector to the multi-display assembly.

(d) without Navigation system

Connect the connector to the clock assembly.

(e) Disconnect the connectors from the center airbag sensor assembly.

(f) Connect the negative (-) terminal cable to the battery, and wait for at least 2 seconds.

(g) Turn the engine switch on (IG).

(h) Check the indicator according to the conditions in the table below.

Standard:

TESTER CONNECTION	CONDITION	PASSENGER AIRBAG ON/OFF INDICATOR
E6-23 (PAON) - Body ground	Engine switch on (IG)	"ON" comes on
E6-17 (P-AB) - Body ground	Engine switch on (IG)	"OFF" comes on

Result:

RESULT	PROCEED TO
NG (with Navigation system)	A

NG (without Navigation system)	B
OK	C

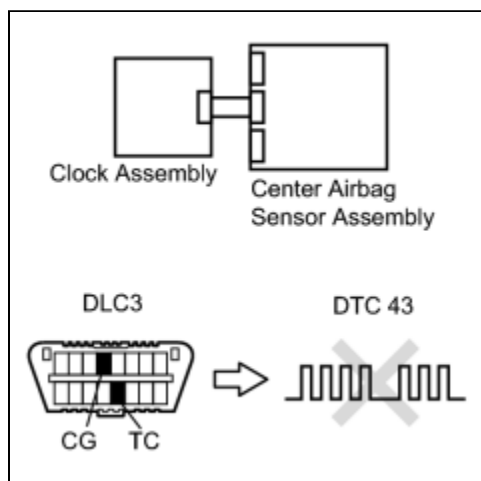
A ▶ REPLACE MULTI-DISPLAY ASSEMBLY

B ▶ REPLACE AIR CONDITIONER PANEL SUB-ASSEMBLY

C



26. CHECK CENTER AIRBAG SENSOR ASSEMBLY



(a) Turn the engine switch off.

(b) Disconnect the negative (-) terminal cable from the battery, and wait for at least 90 seconds.

(c) Connect the connectors to the center airbag sensor assembly.

(d) Connect the negative (-) terminal cable to the battery and wait for at least 2 seconds.

(e) Turn the engine switch on (IG), and wait for at least 60 seconds.

(f) Clear the DTCs stored in the memory INFO.

(g) Turn the engine switch off.

(h) Turn the engine switch on (IG), and wait for at least 60 seconds.

(i) Check for DTCs INFO.

OK:

DTC B1660/43 is not output.

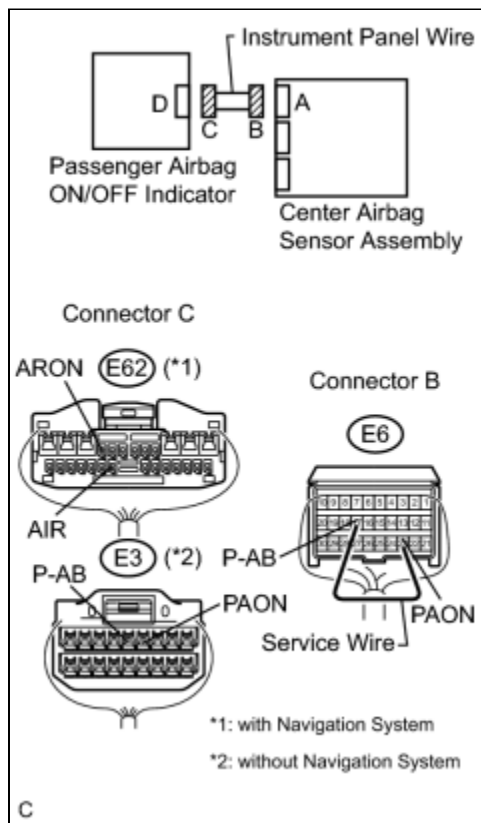
HINT:

Codes other than DTC B1660/43 may be output at this time, but they are not related to this check.

NG ▶ REPLACE CENTER AIRBAG SENSOR ASSEMBLY

OK ▶ USE SIMULATION METHOD TO CHECK

27. CHECK INSTRUMENT PANEL WIRE (OPEN)



(a) Turn the engine switch off.

(b) Disconnect the negative (-) terminal cable from the battery, and wait for at least 90 seconds.

(c) with Navigation system:

Disconnect the connector from the multi-display assembly.

(d) without Navigation system:

Disconnect the connector from the air conditioner panel sub-assembly.

(e) Using a service wire, connect terminals 23 (PAON) and 17 (P-AB) of connector B.

NOTICE:

Do not forcibly insert a service wire into the terminals of the connector when connecting the wire.

(f) Measure the resistance according to the value(s) in the table below.

Standard resistance:

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
E62-9 (ARON) - E62-20 (AIR)	Always	Below 1 Ω

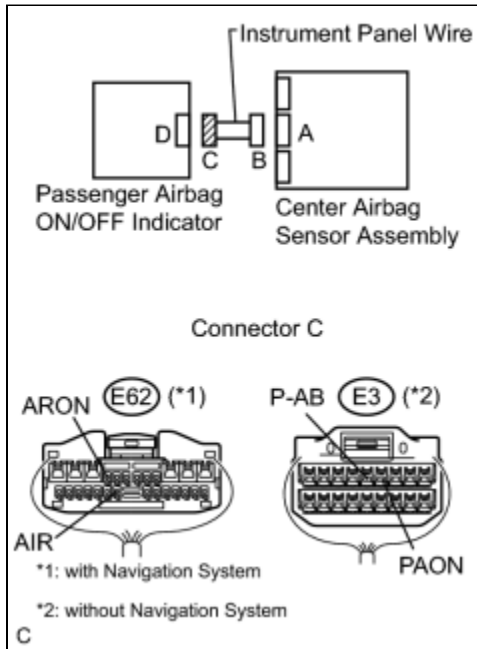
TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
E3-4 (PAON) - E3-5 (P-AB)	Always	Below 1 Ω

NG  REPAIR OR REPLACE INSTRUMENT PANEL WIRE

OK



28. CHECK INSTRUMENT PANEL WIRE (SHORT)
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(a) Disconnect the service wire from connector B.

(b) Measure the resistance according to the value(s) in the table below.

Standard resistance:

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
E62-9 (ARON) - E62-20 (AIR)	Always	1 M Ω or higher

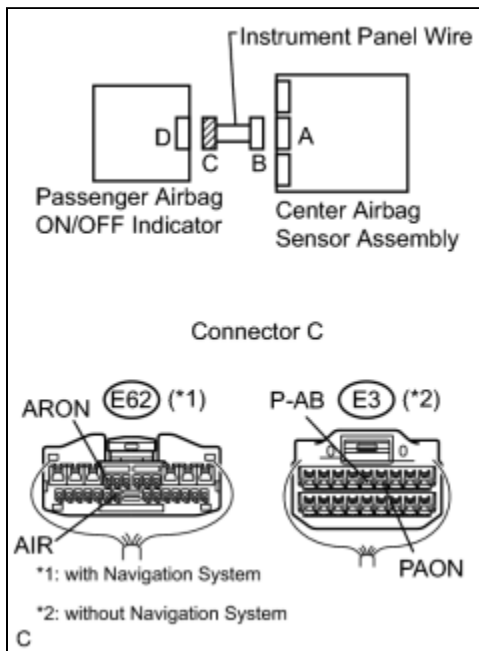
TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
E3-4 (PAON) - E3-5 (P-AB)	Always	1 M Ω or higher

NG  REPAIR OR REPLACE INSTRUMENT PANEL WIRE

OK



29. CHECK INSTRUMENT PANEL WIRE (SHORT TO GROUND)
--



(a) Measure the resistance according to the value(s) in the table below.

Standard resistance:

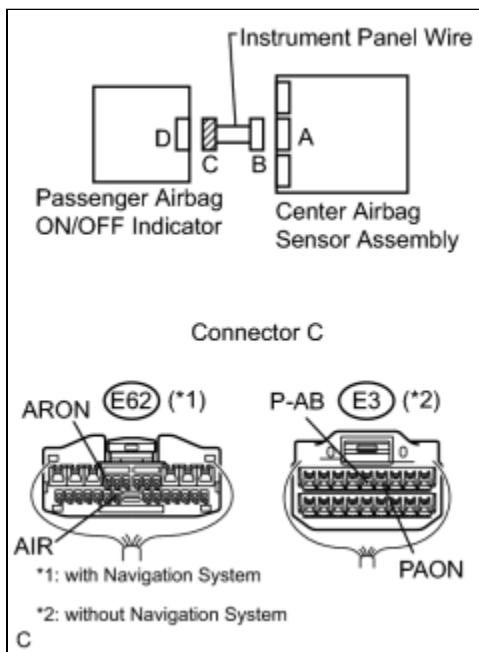
TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
E62-9 (ARON) - Body ground	Always	1 M Ω or higher
E62-20 (AIR) - Body ground	Always	1 M Ω or higher

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
E3-4 (PAON) - Body ground	Always	1 M Ω or higher
E3-5 (P-AB) - Body ground	Always	1 M Ω or higher

NG REPAIR OR REPLACE INSTRUMENT PANEL WIRE

OK

30. CHECK INSTRUMENT PANEL WIRE (SHORT TO B+)



(a) Connect the negative (-) terminal cable to the battery, and wait for at least 2 seconds.

(b) Turn the engine switch on (IG).

(c) Measure the voltage according to the value(s) in the table below.

Standard voltage:

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
E62-9 (ARON) - Body ground	Engine switch on (IG)	Below 1 V
E62-20 (AIR) - Body ground	Engine switch on (IG)	Below 1 V

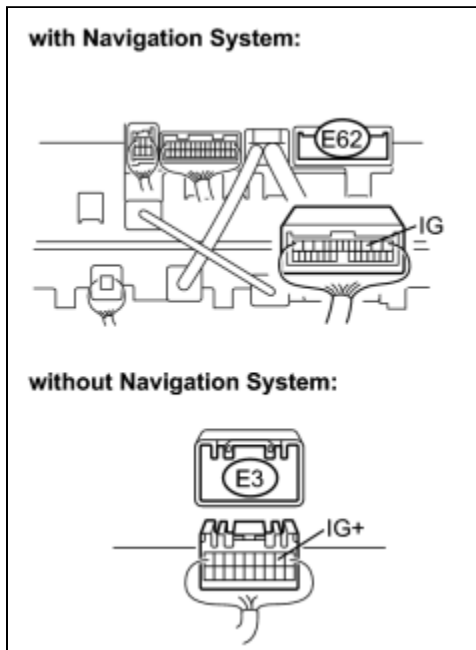
TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
E3-4 (PAON) - Body ground	Engine switch on (IG)	Below 1 V
E3-5 (P-AB) - Body ground	Engine switch on (IG)	Below 1 V

NG  **REPAIR OR REPLACE INSTRUMENT PANEL WIRE**

OK



31. CHECK PASSENGER AIRBAG ON/OFF INDICATOR (SOURCE VOLTAGE)



(a) Connect the connectors to the center airbag sensor assembly.

(b) Connect the negative (-) terminal cable to the battery, and wait for at least 2 seconds.

(c) Turn the engine switch on (IG).

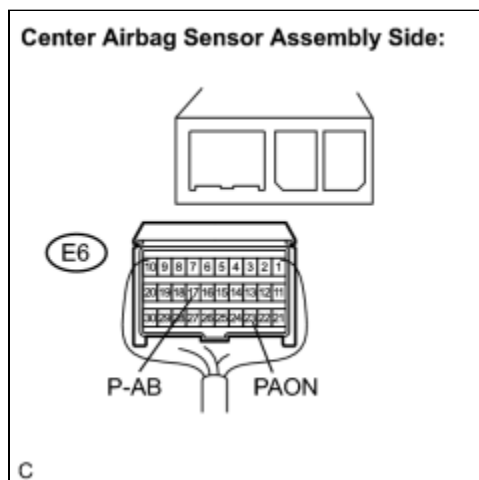
(d) Measure the voltage according to the value(s) in the table below.

Standard voltage:

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
E62-3 (IG) - Body ground	Engine switch on (IG)	10 to 14 V

TESTER CONNECTION	CONDITION	SPECIFIED CONDITION
E3-2 (IG+) - Body ground	Engine switch on (IG)	10 to 14 V

OK

32. CHECK PASSENGER AIRBAG ON/OFF INDICATOR


(a) Turn the engine switch off.

(b) Disconnect the negative (-) terminal cable from the battery, and wait for at least 90 seconds.

(c) with Navigation system

Connect the connector to the multi-display assembly.

(d) without Navigation system

Connect the connector to the clock assembly.

(e) Disconnect the connectors from the center airbag sensor assembly.

(f) Connect the negative (-) terminal cable to the battery, and wait for at least 2 seconds.

(g) Turn the engine switch on (IG).

(h) Check the indicator according to the conditions in the table below.

Standard:

TESTER CONNECTION	CONDITION	PASSENGER AIRBAG ON/OFF INDICATOR
E6-23 (PAON) - Body ground	Engine switch on (IG)	"ON" comes on
E6-17 (P-AB) - Body ground	Engine switch on (IG)	"OFF" comes on

Result:

RESULT	PROCEED TO
NG (with Navigation system)	A

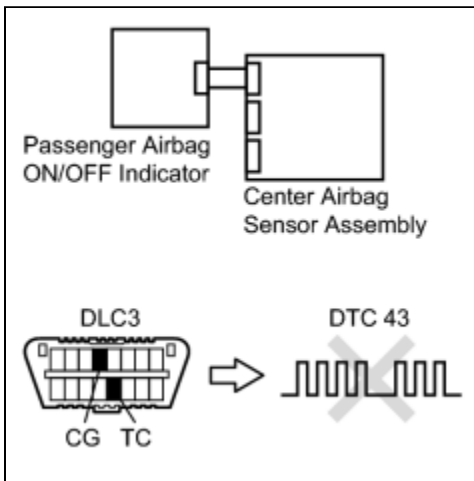
NG (without Navigation system)	B
OK	C

A ▶ REPLACE MULTI-DISPLAY ASSEMBLY

B ▶ REPLACE AIR CONDITIONER PANEL SUB-ASSEMBLY

C
▼

33. CHECK CENTER AIRBAG SENSOR ASSEMBLY



(a) Turn the engine switch off.

(b) Disconnect the negative (-) terminal cable from the battery, and wait for at least 90 seconds.

(c) Connect the connector to the center airbag sensor assembly.

(d) Connect the negative (-) terminal cable to the battery and wait for at least 2 seconds.

(e) Turn the engine switch on (IG), and wait for at least 60 seconds.

(f) Clear the DTCs stored in the memory INFO.

(g) Turn the engine switch off.

(h) Turn the engine switch on (IG), and wait for at least 60 seconds.

(i) Check for DTCs INFO.

OK:

DTC B1660/43 is not output.

HINT:

Codes other than DTC B1660/43 may be output at this time, but they are not related to this check.

NG ▶ REPLACE CENTER AIRBAG SENSOR ASSEMBLY

OK ▶ USE SIMULATION METHOD TO CHECK

